

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised August 1, 2011

1. WELL API NO.

30-015-39814

2. Type of Lease

☐ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☒ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator

COG Operating LLC

5. Lease Name or Unit Agreement Name

Patton 5 Fee

6. Well Number: 1H

RECEIVED

SEP 10 2013

NMOCD ARTESIA

10. Address of Operator

One Concho Center, 600 W. Illinois Avenue
Midland, TX 79701

11. Pool name or Wildcat

Atoka; Glorieta-Yeso 3250

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	4	5	19S	26E		380	North	330	West	Eddy
BH:	1	5	19S	26E		401	North	343	East	Eddy

13. Date Spudded 3/11/13	14. Date T.D. Reached 3/23/13	15. Date Rig Released 3/25/13	16. Date Completed (Ready to Produce) 5/13/13	17. Elevations (DF and RKB, RT, GR, etc.) 3381 GR
-----------------------------	----------------------------------	----------------------------------	--	--

18. Total Measured Depth of Well 7294	19. Plug Back Measured Depth 7250	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run N/A
--	--------------------------------------	---	---

22. Producing Interval(s), of this completion - Top, Bottom, Name

3000 - 7350 YESO

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	32#	1234	11	1300	
5-1/2	17#	7284	7-7/8	850	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	2538	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

3170 - 7200 .43 360 holes, Open

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3170 - 7200	See attachment

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
5/13/13		Sub pump				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/24/13	24			157	76	670	484
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
70	70		157	76	670	41.4	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Test Witnessed By

Kent Greenway

31. List Attachments.

C-103, C-102, C-104, survey, logs, C-144, schematic

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature 

Printed

Name Chasity Jackson

Title Regulatory Analyst

Date 9/9/13

E-mail Address cjackson@concho.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta <u>2464</u>	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Yeso <u>2597</u>	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Patton 5 Fee #1H
API#: 30-015-39814
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3170 - 3480	Acidized w/4022 gals 15% HCL. Frac w/173,922 gals gel, 19,012 gals slickwater, 210,784# 20/30 brown sand, 5,062# 100 mesh, 42,241# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3635 - 3945	Acidized w/4045 gals 15% HCL. Frac w/180,117 gals gel, 15,068 gals treated water, 213,9393# 20/40 brown sand, 4,797# 100 mesh, 35,600# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4100 - 4410	Acidized w/4005 gals 15% HCL. Frac w/184,491 gals gel, 16,732 gals treated water, 218,483# 20/40 brown sand, 5,484# 100 mesh, 39,229# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4565 - 4875	Acidized w/4063 gals 15% HCL. Frac w/177,508 gals gel, 18,862 gals treated water, 220,296# 20/40 brown sand, 5,045# 100 mesh, 35,377# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5030 - 5340	Acidized w/4082 gals 15% HCL. Frac w/185,222 gals gel, 17,312 gals treated water, 220,108# 20/40 brown sand, 5,190# 100 mesh, 38,167# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5495 - 5805	Acidized w/4073 gals 15% HCL. Frac w/183,369 gals gel, 16,882 gals treated water, 219,516# 20/40 brown sand, 5,559# 100 mesh, 37,519# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5960 - 6270	Acidized w/4013 gals 15% HCL. Frac w/183,954 gals gel, 18,536 gals treated water, 231,157# 20/40 brown sand, 5,375# 100 mesh, 37,541# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6425 - 6735	Acidized w/4050 gals 15% HCL. Frac w/186,562 gals gel, 20,733 gals treated water, 220,940# 20/40 brown sand, 5,544# 100 mesh, 36,691# 16/30 CRC.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6890 - 7200	Frac w/192,789 gals gel, 10,040 gals treated water, 223,213# 20/40 brown sand, 5,355# 100 mesh, 36,892# 16/30 CRC.